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| TRANSMITTAL LETTER | ATTORNEY'S DOCKET NUMBER 78104113/N19108 | | | | | | |
|--|---|---|--|--|--|--|--|
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | | | | |
| INTERNATIONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED | | | | | |
| PCT/GB2005/000816 TITLE OF INVENTION | 03 MARCH 2005 | 04 MARCH 2004 | | | | | |
| HYDRATION MONITOR | | | | | | | |
| APPLICANT(S) FOR DO/EO/US Leon Thomas Lee MARSH | | | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | |
| 1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | |
| 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | |
| 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | |
| 4. The US has been elected (Article 31). | | | | | | | |
| 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | | | |
| a. is attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| b. 🔀 has been communicated by the International Bureau. | | | | | | | |
| c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | |
| 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | | |
| a. is attached hereto. | | | | | | | |
| b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | |
| 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | | | | |
| a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | |
| b. have been communicated by the International Bureau. | | | | | | | |
| c. Have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | |
| d. Mave not been made and will not be made. | | | | | | | |
| 1521 | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | |
| 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | | |
| 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | | | |
| Items 11 to 20 below concern document(s) or information included: | | | | | | | |
| 11. An Information Disclosure State | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | | | | |
| 12. An assignment document for rec | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | |
| 13. A preliminary amendment. | A preliminary amendment. | | | | | | |
| 14. An Application Data Sheet unde | An Application Data Sheet under 37 CFR 1.76. | | | | | | |
| 15. A substitute specification. | A substitute specification. | | | | | | |
| 16. A power of attorney and/or chan | A power of attorney and/or change of address letter. | | | | | | |
| 17. A computer-readable form of the | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. | | | | | | |
| 18. A second copy of the published | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | |
| 19. A second copy of the English la | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-1390 (Rev. 07-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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| U.S. APPLICAT | TION NO. (if known, | see 37 CFR 1.5) | INTERNATIONAL APP | PLICATION NO. | | ATTORNEY'S DO | CKET NUMBER |
|---|---|------------------|--|--------------------------------|---------------|------------------------|--------------|
| | | | PCT/GB2005/ | 000816 | | 78104113/N | 19108 |
| 20. Other | items or information | on: | | | | | |
| | | | | | | | |
| | | | | | | | |
| The follo | owing fees have b | een submitted | | | CA | LCULATIONS | PTO USE ONLY |
| 21. 🔀 Basi | Basic national fee (37 CFR 1.492(a)) | | | | \$ | 300.00 | |
| 22. 🔀 Exam | nination fee (37 CF | R 1.492(c)) | | | | | |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared | | | | | \$ | 200.00 | |
| by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations | | | | | | | |
| | rch fee (37 CFR 1. | | | | | | |
| If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) | | | | | \$ | 400.00 | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | | | | | | 400.00 | |
| International Searching Authority International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB | | | | | | | |
| | | | | | <u> </u> | | |
| | TOTAL OF 21, 22 | 2 and 23 = | 100-1 | | \$ | 900.00 | |
| └─ sequenc | e listing in complia | ince with 37 CFR | in paper over 100 sheets (ex 1.821(c) or (e) or computer pr | cluding ogram listing in an | | | |
| | ic medium) (37 CF s \$250 for each ac | | of paper or fraction thereof. | | | | |
| Total Sheets | Extra Sheets | Number of each | additional 50 or fraction | RATE | | | |
| | | thereof (round u | up to a whole number) | | l | -0- | |
| - 100 = | /50 = | | | × \$250 | \$ | | • |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | | \$ | -0- | |
| CLAIMS | NUME | BER FILED | NUMBER EXTRA | RATE | \$ | | |
| Total claims | 3 | 16 -20= | -0- | × \$ 50 | \$ | -0- | |
| Independent cla | | 3 - 3 = | -0- | × \$200 | \$ | -0- | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 | | | | \$ | -0- | | |
| TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. | | | | | \$ | 900.00 | |
| / Applicant Ci | aio oritaii oritay a | | | SUBTOTAL = | \$ | 450.00 | 1 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest | | | | | \$ | | |
| claimed priority date (37 CFR 1.492(i)). | | | | ↓ | -0- 450.00 | | |
| | | | | NATIONAL FEE = | \$ | 430.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | \$ | -0- | | |
| | | | TOTAL F | EES ENCLOSED = | \$ | 450.00 | |
| | | | | | | nount to be funded: | \$ |
| | | - | | | An | nount to be arged | \$ |
| | | | | | تتب | | |

| a. A check in the amount of \$ | _ to cover the above fees is enclosed. | | | | |
|---|--|--|--|--|--|
| b. Please charge my Deposit Account NoA duplicate copy of this sheet is enclosed. | in the amount of \$ to cover the above fees. | | | | |
| The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-2055. A duplicate copy of this sheet is enclosed. | | | | | |
| Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: Craig FIESCHKO DeWitt Ross & Stevens S.C. 8000 Excelsior Drive, Suite 401 Madison, WI 53717-1914 Phone: (608) 831-2100 Fax: (608) 831-2100 | SIGNATURE Craig FIESCHKO NAME 39668 REGISTRATION NUMBER | | | | |